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(54) Title: RABS AS MODIFIERS OF THE p53 PATHWAY AND METHODS OF USE

(57) Abstract: Human RAB genes are identified as modulators of the p53 pathway, and thus are therapeutic targets for disorders associated with defective p53 function. Methods for identifying modulators of p53, comprising screening for agents that modulate the activity of RAB are provided.

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# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/21382

## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01N 33/53, 33/566, 33/574; C12Q 1/02

US CL : 435/6, 7.1, 7.2, 29; 436/501, 64, 813

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 435/6, 7.1, 7.2, 29; 436/501, 64, 813

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
Please See Continuation Sheet

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	MIZUTA et al. RAB22 and RAB163/Mouse BRCA2: Proteins that Specifically Interact with the RAD51 Protein. Proc. Natl. Acad. Sci. USA. June 1997, Vol 94, pages 6927-6932, see entire document.	1-25
Y	US 2002/0065229 A1 (DAVIS et al.) 30 May 2002, see entire document.	1-25
Y	US 6407062 B1 (SHERR et al.) 18 June 2002, see entire document.	1-25

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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**Continuation of B. FIELDS SEARCHED Item 3:**

WEST 2.1, MEDICINE/BIOTECH (COMPENDIUM databases on DIALOG) search terms: rab?, p53, ras, gtp binding, sense, antisense, nucleic?